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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603,408	06/23/2003	Lawrence J. Mika	60655.1000	4181
66170 7590 08/27/2007 AMERICAN EXPRESS TRAVEL RELATED SERVICES CO., INC. c/o SNELL & WILMER, L.L.P. ONE ARIZONA CENTER 400 E. VAN BUREN STREET PHOENIX, AZ 85004-2202			EXAMINER OSBORNE, LUKE R	
			ART UNIT 2123	PAPER NUMBER
			MAIL DATE 08/27/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/603,408

Applicant(s)

MIKA, LAWRENCE J.

Examiner

Luke Osborne

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/28/2007 has been entered.

### ***Claim Status***

2. Claims 1-11 are now pending in the instant application.

Claims 1-11 stand rejected.

Applicants' arguments submitted 6/28/2007 have been fully considered, Examiners response is as follows.

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-6, 8-11 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,392,390 to Crozier hereinafter "Crozier".

Regarding claim 1, Crozier discloses a computer-implemented method for facilitating the translation of files comprising:

establishing, via a host computer, definitions comprising at least one of sorting criteria, filter criteria, data range, file format, accounting codes, and formatting criteria

[Crozier: The mapping step of the program builds a set of rules that the translate step will use to translate data from one record structure to another. The mapping step must be run once for each pair of source-destination file formats where one of the files is a keyed database, such as PHONE 103 or DATA 109. The output of a mapping step is a mapping database that can be used for any number of translate steps in the future. (Column 5, lines 55-62)];

– creating, via said host computer, an interface file including said definitions

[Crozier: Before communicating with the desktop application, the user may specify the mapping of handheld and desktop application data for the PHONE 103 and DATA 109 applications by utilizing the mapping facilities of DTMAP 129. A default mapping is provided for the other applications (Column 5, lines 44-49)];

- reading, via said host computer, unusable data from a first source [Croizer: Step 2 Transfer of data from handheld to desktop (Column 4, lines 58-63)];

- reading, via said host computer, said definitions contained in said interface file [Crozier: The mapping is stored in a MAPPING database, which is referenced during the translation operation (Column 8, Lines 1-16)];

- translating [Crozier: Step 3, Translation of data to desktop format], via said host computer, using only a single translation of said unusable data from said first source to a format usable by a second source according to said definitions contained in said interface file, wherein said unusable data from said first source is usable by said second source after said translating step

[Crozier: The mapping step establishes correspondences between fields of pairs of files. On import, the transfer step brings the handheld data into the desktop computer. The translation step uses the rules provided by the mapping step to convert the handheld data in one format to desktop data in another format (Column 4, lines 64- Column 5, line 1)]; and,

- saving, onto host computer, said interface file [Crozier: The mapping is stored in a MAPPING database, which is referenced during the translation operation (Column 8, Lines 1-16), The output of a mapping step is a mapping database that can be used for any number of translate steps in the future. (Column 5, lines 55-62)].

Regarding claim 2, Crozier discloses the method of claim 1 wherein said establishing step comprises:

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- receiving information regarding a type of said interface file to be created

[Croizer: Column 5, lines 55-62];

- receiving file type information regarding a desired file format [Croizer: Column 5, line 63 - Column 6, line 2]; and

- receiving formatting information regarding a format of said data being translated [Croizer: Column 5, line 63 - Column 6, line 2].

Regarding claim 3, Crozier discloses the method of claim 2 wherein said receiving formatting information step comprises entering said formatting information for each field of said unusable data being translated [Crozier: Column 5, lines 44-49].

Regarding claim 4, Crozier discloses the method of claim 3, wherein said formatting data comprises:

- a field name;
- a description;
- a length of the field;
- an indicator of fixed-width/variable width status;
- a mask to force said unusable data into a particular style;
- justification information;
- position information; and
- element information [Crozier: Column 6, lines 31-59].

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Regarding claim 5, Crozier discloses the method of claim 4 wherein said element information comprises:

- information regarding a type of said unusable data in said field, wherein said information comprises at least one of:
  - a calculated expression;
  - a static table entry;
  - alphanumeric information; and
  - a query [Crozier: The preferred embodiment provides hard-coded record descriptors for the PHONE 103, SCHEDULE 105, TODO 107, DATA 109, and MEMO 111 applications provided by each of the supported handheld computers.].

Regarding claim 6, Crozier discloses the method of claim 2 further comprising:

- selecting a template file as a starting point for creating the interface file [Crozier: Before communicating with the desktop application, the user may specify the mapping of handheld and desktop application data for the PHONE 103 and DATA 109 applications by utilizing the mapping facilities of DTMAP 129. A default mapping is provided for the other applications. (Column 5, lines 44-49)];

- entering sorting information regarding a sorting preference; and
- entering filtering information regarding a filtering preference

[Once the mapping facility has acquired an understanding of the fields of each of the two record structures, the next step is to establish the actual field mappings--for instance, to establish a correspondence between a PHONE 103 field of file format 1 and a FAX NUMBER 307 field of file format 2, and to determine the data conversion rule for mapping a datum of field PHONE to a datum of field FAX NUMBER 307, for instance "convert 3 2-byte integers to 10 ASCII characters."

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This is accomplished by a user, who is presented with a list of all the fields of each of the two record structures, and then asked to select corresponding names. (Column 6, line 50 – Column 7 line 10)].

Regarding claim 7, Crozier discloses the method of claim 1, wherein said step of establishing definitions comprises establishing definitions based upon a response to a question presented to a user via a user interface [Crozier: Figure 5, the user may specify the mapping of handheld and desktop application data for the PHONE 103 and DATA 109 applications by utilizing the mapping facilities of DTMAP 129. (Column 5, lines 44-49), The invention provides both a framework and a convenient user interface for tying together previous data translation techniques into a more broadly-applicable and easy-to-use system (Column 3, line 67 – Column 4, line 2), Column 7, lines 7-10].

Regarding claim 8, Crozier discloses the method of claim 1 wherein said translating step further comprises:

creating said second source of a predetermined type, writing said unusable data to said second source in said format usable by said second source and, saving said second source [Crozier: As the translation takes place, the fields are mapped according to the user specification into the desktop application database. (Column 7, lines 53-60)].

Regarding claim 9, Crozier discloses the method of claim 1 wherein said step of establishing definitions further comprises establishing definitions having a property relating to a data field [Crozier: FIG. 4 shows an example of field mapping between an application's data 109 (FIELD1 401, FIELD2 403, FIELD3 405, FIELD4 407, FIELD5

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409) of a HANDHELD COMPUTER 101, and a database manager application's data (CUSTOMER NAME 413, CUSTOMER NUMBER 415, ORDER DATE 417, QUANTITY 419, ITEM 421, and PRICE 423) of a DESKTOP COMPUTER 115. (Column 7, lines 61-67)].

Regarding claim 10, Crozier discloses the method of claim 9 wherein said property includes at least one of

- field name, description, status, length flag, length, minimum length, maximum length, format mask, justification, pad character, quote, delimiter flag, start position, end position, counter increment flag, element, query field, static table entry, counter, fixed test, expression, character function and common expression [Crozier: FIG. 4 shows an example of field mapping between an application's data 109 (FIELD1 401, FIELD2 403, FIELD3 405, FIELD4 407, FIELD5 409) of a HANDHELD COMPUTER 101, and a database manager application's data (CUSTOMER NAME 413, CUSTOMER NUMBER 415, ORDER DATE 417, QUANTITY 419, ITEM 421, and PRICE 423) of a DESKTOP COMPUTER 115. (Column 7, lines 61-67)].

Regarding claim 11, Crozier discloses the method of claim 1 wherein said step of creating, via said host computer, an interface file includes creating only one interface file [Crozier: Column 8, lines 14-22].

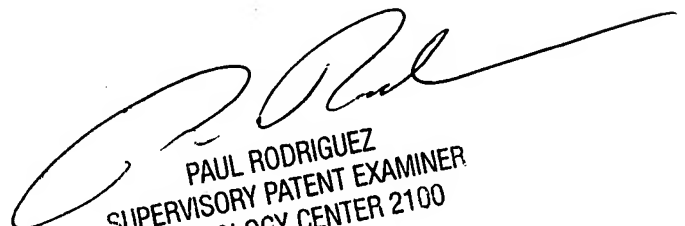
**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Luke Osborne whose telephone number is (571) 272-4027. The examiner can normally be reached on 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul L. Rodriguez can be reached on (571) 272-3753. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LRO

  
PAUL RODRIGUEZ  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100